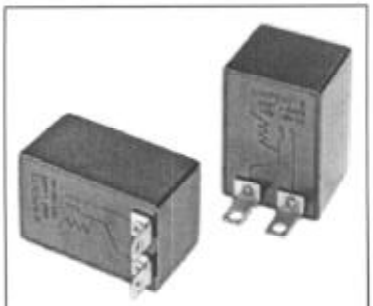
AMPERITE *Solving Your Timing Requirements Since 1922*

DF Series Flasher



- **Solid state analog flasher circuitry**
- **No moving parts to wear out - totally encapsulated circuitry**
- **2A load rating**
- **Low cost**
- **Small size**
- **Universal Input -24V to 120V AC and DC operation in one device**
- **2 terminal configuration - easy connection to load**
- **Factory fixed flash rates from 2 to 1000 FPM**
- **UL File #E96739 (M)**
- **CSA File #LR62586-3**

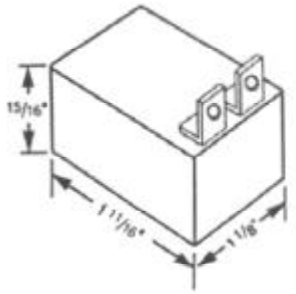
Timing Mode:
On/off recycling solid state flasher. The flash rates are fixed and are available from 2 to 1000 flashes per minute (FPM). Duty cycle is approximately 50% with custom duty cycles available.

Timing Diagram:

Output Circuit:
Totally solid state switching device.
Rating:
(Resistive): 2A @ 120V AC or DC, 10 ma minimum load,
(Inrush): 10A maximum.
Higher loads and inrush capabilities are available.
Expected Life @ 25°C: Solid state circuitry - no moving parts to wear out.
Environmental Information:
Temperature Range: Operating & storage: -23°C to +60°C, (-10°F to +140°F)

Mechanical Information:
Termination: .250 inch quick connect terminals are standard, .110 inch, screw terminals, or 18" wires are available.
Enclosure: Black plastic case
Mounting: Single screw or optional 2-screw panel mount
Weight: 2 oz (56g) approx.

Outline Dimensions:



Timing Specifications:
Flash Rate - Fixed: Standard - 30, 45, 60, 75, 90 & 120 FPM. Custom rates available from 2 to 1000 FPM.
Flash Rate Tolerance: ± 10%

Input Information:
Voltage: Universal input type: 24 - 120V AC or DC. Custom voltages from 5 - 240V are available.
Power Requirement: 3 Watts or less

Input Voltages & Limits:

Nominal	Minimum	Maximum
24 - 120V AC/DC	22V AC/DC	125V AC/DC

Wiring Diagram:

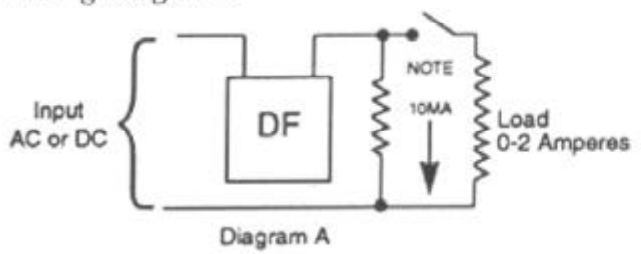
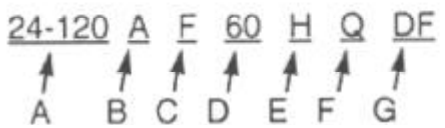


Diagram A

Note: Optional 10 MA load may be used to reduce initial delay time.

Ordering Information:
Definition of a part number for the Amperite DF Series Flasher.
Example:



A: Denotes input voltage: Universal input voltages from: 24 - 120V AC or DC. Can be replaced by a single value from 5 - 240 for custom voltages.

B: For custom voltages only - Denotes type of input current required for operation
A = AC - Alternate Current
D = DC - Direct Current

C: Denotes flasher configuration.

D: Denotes flash rate. Standard rates are 30, 45, 60, 75, 90 & 120 FPM. Custom rates are available from 2 to 1000 FPM.

E: Denotes load current options - Blank = Standard, H = Higher Operating Current.

F: Denotes form of termination - Blank = .250 Male Quick Connect Terminals, S = Screw Terminals, Q = .110 Male Solder Terminals, W = two 18" wires.

G: Denotes solid state 2-terminal DF flasher.

Product Selection Table - Main Menu
Overview of Amperite product line